



Forest Insect & Disease Management

Report No.
80-3-7

Date Issued 1/18/80

AERIAL DETECTION SURVEY OF FOREST INSECT AND DISEASE ACTIVITY, UWHARRIE NATIONAL FOREST

LAND OWNERSHIP OR SURVEY AREA: Uwharrie National Forest

STATE: North Carolina

AREA WITHIN SURVEY BOUNDARY: 220,000 acres

DATE: January 16, 1980

PERCENT COVERAGE: 100%

AIRCRAFT: Cessna 210

CREW: Robert Bassett (Doraville Survey Team), Steve Davis (Uwharrie National Forest)

REPORT PREPARED BY: Robert Bassett

SURVEY OBJECTIVES

To locate southern pine beetle infestations on the Uwharrie National Forest.

SURVEY RESULTS

A total of seven spots were detected that were thought to be caused by southern pine beetle (Table 1). The spots were located in Uwharrie Mountains section in the northern end of the Forest (Figure 1). A few probable southern pine beetle spots were observed in Morrow State Park, which is immediately adjacent to the western boundary of the Forest.

CONCLUSIONS

Southern pine beetle infestation could very well be on the increase. Another aerial survey should be made in the summer.

For any additional information, contact:

USDA Forest Service FIDM
Northgate Office Park, Room 2103 or
3620 Interstate 85, N.E.
Doraville, GA 30340
Tel: 404/221-4796

USDA Forest Service FIDM
P. O. Box 2570
Asheville, NC 28802
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**SOUTHEASTERN AREA, STATE & PRIVATE FORESTRY
USDA FOREST SERVICE, ATLANTA, GA 30309**

Table I: Summary of Aerial Survey Data, Uwharrie National Forest, North Carolina, 1/16/80

Ownership	Infestation Size (# Trees)									
	6-20		21-50		50-100		100 +		Total	
	Spots:Trees		Spots:Trees		Spots:Trees		Spots:Trees		Spots:Trees	
Federal	2	20	1	30	2	200	0	0	5	250
Private	1	12	0	0	0	0	0	0	1	12

FIG. 1 Survey of 1/16/80

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